

PHYSICAL COLLOCATION
Bell Atlantic - Maine
FCC - 11

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>CKT EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL UNIT INVESTMENT	WP 2.0, PG 2 LINE 10	\$1.90	\$107.30	\$862.54	\$971.74
2 DEPRECIATION	LINE 1 X WP 6.0 - ACF FACTOR	\$0.00	\$2.76	\$58.65	\$61.41
3 COST OF CAPITAL	LINE 1 X WP 6.0 - ACF FACTOR	\$0.21	\$8.84	\$47.53	\$56.58
4 INCOME TAX	LINE 1 X WP 6.0 - ACF FACTOR	\$0.09	\$3.57	\$19.23	\$22.89
5 OTHER TAXES	LINE 1 X WP 6.0 - ACF FACTOR	\$0.03	\$1.67	\$13.71	\$15.42
6 MAINTENANCE	LINE 1 X WP 6.0 - ACF FACTOR	\$0.16	\$9.11	\$28.38	\$37.65
7 ADMINISTRATION	LINE 1 X WP 6.0 - ACF FACTOR	\$0.06	\$3.58	\$29.24	\$32.89
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$0.55	\$29.54	\$196.75	\$226.84
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 6.0, PG 1, LINE 26D	\$0.05	\$2.89	\$19.28	\$22.23

PHYSICAL COLLOCATION
Bell Atlantic - Maine
FCC NO. 11

DC POWER COST DEVELOPMENT - LESS THAN OR EQUAL TO 60 AMPS

LINE NO.	A ITEM	B SOURCE	C URBAN	D SUBURBAN	E RURAL
	<u>Microprocessor Plant (BUSS BAR)</u>				
1	AMP	Engineering	2,600	2,600	1,200
2	Material	Engineering	\$17,000	\$12,000	\$9,000
3	Unit Investment Per AMP	(L2 / L1)	\$6.54	\$4.62	\$7.50
4	Statewide Weighting	WP 6.0, Pg 1, Lns 28D-30D	0.0866	0.3660	0.5475
5	Statewide Unit Investment Per AMP	\$6.36	\$0.57	\$1.69	\$4.11
	<u>Rectifiers</u>				
6	Quantity	Engineering	5	6	5
7	AMPS per unit	Engineering	200	200	200
8	Tot. AMPS	(L6 * L7)	1,000	1,200	1,000
9	Utilization	(L6-1) / L6)	80.00%	83.33%	80.00%
10	Material	Engineering	\$30,000	\$35,700	\$30,000
11	Total Investment	(L10 / L9)	\$37,500	\$42,840	\$37,500
12	Unit Investment Per AMP	(L11 / L8)	\$37.50	\$35.70	\$37.50
13	Statewide Weighting	WP 6.0, Pg 1, Lns 28D-30D	0.0866	0.3660	0.5475
14	Statewide Unit Investment Per AMP	\$36.84	\$3.25	\$13.07	\$20.53
	<u>Batteries</u>				
15	Strings	Engineering	3	4	3
16	AMPS per String	Engineering	310	310	310
17	Tot. AMPS	(L15 * L16)	930	1,240	930
18	Total Investment	Engineering	\$40,500	\$52,900	\$40,500
19	Unit Investment Per AMP	(L18 / L17)	\$43.55	\$42.66	\$43.55
20	Statewide Weighting	WP 6.0, Pg 1, Lns 28D-30D	0.0866	0.3660	0.5475
21	Statewide Unit Investment Per AMP	\$43.23	\$3.77	\$15.61	\$23.84
	<u>Automatic Breaker</u>				
22	AMP per Breaker	Engineering	1,200	800	400
23	Total Investment	Engineering	\$40,000	\$35,000	\$20,000
24	Unit Investment Per AMP	(L23 / L22)	\$33.33	\$43.75	\$50.00
25	Statewide Weighting	WP 6.0, Pg 1, Lns 28D-30D	0.0866	0.3660	0.5475
26	Statewide Unit Investment Per AMP	\$46.27	\$2.89	\$16.01	\$27.38
	<u>Power Distribution Service Cabinet</u>				
27	Amps	Engineering	800	400	400
28	Material	Engineering	\$4,000	\$3,700	\$2,700
29	Unit Investment Per AMP	(L28 / L27)	\$5.00	\$9.25	\$6.75
30	Statewide Weighting	WP 6.0, Pg 1, Lns 28D-30D	0.0866	0.3660	0.5475
31	Statewide Unit Investment Per AMP	\$7.51	\$0.43	\$3.39	\$3.70
	<u>Emergency engine/turbine (auto start)</u>				
32	AMP Capacity	Engineering	1,216	868	278

33	Utilization	Engineering	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	851	608	195
35	Emerg. Engine Invest.	Engineering	\$38,200	\$34,000	\$21,500
36	Conduit/Emer Lights	Engineering	\$30,000	\$25,000	\$20,000
37	Total Investment	(L35 + L36)	\$68,200	\$59,000	\$41,500
38	Unit Investment Per AMP	(L37 / L34)	\$80.12	\$97.10	\$213.26
39	Statewide Weighting	WP 6.0, Pg 1, Lns 28D-30D	0.0866	0.3660	0.5475
40	Statewide Unit Investment Per AMP		\$159.24	\$6.94	\$35.54
	<u>Battery Distribution Fuse Bay</u>				
41	AMP Capacity	Engineering	800	800	800
42	Material	Engineering	\$8,181	\$8,181	\$8,181
43	Unit Investment Per AMP	(L42 / L41)	\$10.23	\$10.23	\$10.23
44	Statewide Weighting	WP 6.0, Pg 1, Lns 28D-30D	0.0866	0.3660	0.5475
45	Statewide Unit Investment Per AMP		\$10.23	\$0.89	\$3.74
	<u>Total Unit Investment - (Less than or</u>				
46	Equal to 60 AMP's) - Sum Lines		\$309.69		
	(5C+14C+21C+26C+31C+40C+45C)				

PHYSICAL COLLOCATION
Bell Atlantic - Maine
FCC - 11

DC POWER - GREATER THAN 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>SWITCH EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 2.0, PG 3, LINE 46	-	-	\$312.72	\$312.72
2 EF&I FACTOR - FRC 377C	WP 6.0, PG 1, LINE 24D	-	-	2.7852	2.7852
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$870.98	\$870.98
4 UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$870.98	\$870.98
6 LAND INVESTMENT FACTOR	WP 6.0, PG 1, LINE 22D	0.0022	-	-	0.0022
7 BUILDING INVESTMENT FACTOR	WP 6.0, PG 1, LINE 23D	-	0.1244	-	0.1244
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$1.92	-	-	\$1.92
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$108.35	-	\$108.35
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$1.92	\$108.35	\$870.98	\$981.25
11 WEIGHTED UNIT INVESTMENT	LINE 10 x WP 6.0, PG 1, LINE 26D	\$0.19	\$10.62	\$85.36	\$96.16

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DC POWER - GREATER THAN 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>CKT EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL UNIT INVESTMENT	WP 2.0, PG 2 LINE 10	\$1.92	\$108.35	\$870.98	\$981.25
2 DEPRECIATION	LINE 1 X WP 6.0 - ACF FACTOR	\$0.00	\$2.78	\$59.23	\$62.01
3 COST OF CAPITAL	LINE 1 X WP 6.0 - ACF FACTOR	\$0.22	\$8.93	\$47.99	\$57.13
4 INCOME TAX	LINE 1 X WP 6.0 - ACF FACTOR	\$0.09	\$3.61	\$19.42	\$23.12
5 OTHER TAXES	LINE 1 X WP 6.0 - ACF FACTOR	\$0.03	\$1.69	\$13.85	\$15.57
6 MAINTENANCE	LINE 1 X WP 6.0 - ACF FACTOR	\$0.16	\$9.20	\$28.66	\$38.02
7 ADMINISTRATION	LINE 1 X WP 6.0 - ACF FACTOR	<u>\$0.06</u>	<u>\$3.62</u>	<u>\$29.53</u>	<u>\$33.21</u>
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$0.56	\$29.83	\$198.67	\$229.06
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 6.0, PG 1, LINE 26D	\$0.05	\$2.92	\$19.47	\$22.45

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PHYSICAL COLLOCATION
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DC POWER - GREATER THAN 60 AMPS

<u>LINE NO.</u>	<u>A</u> <u>ITEM</u>	<u>B</u> <u>SOURCE</u>	<u>C</u> <u>URBAN</u>	<u>D</u> <u>SUBURBAN</u>	<u>E</u> <u>RURAL</u>
	<u>Microprocessor Plant (BUSS BAR)</u>				
1	AMP	Engineering	2,600	2,600	1,200
2	Material	Engineering	\$17,000	\$12,000	\$9,000
3	Unit Investment Per AMP	(L2 / L1)	\$6.54	\$4.62	\$7.50
4	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28D-30D	0.0866	0.3660	0.5475
5	Statewide Unit Investment Per AMP	\$6.36	\$0.57	\$1.69	\$4.11
	<u>Rectifiers</u>				
6	Quantity	Engineering	5	6	5
7	AMPS per unit	Engineering	200	200	200
8	Tot. AMPS	(L6 * L7)	1,000	1,200	1,000
9	Utilization	(L6-1) / L6)	80.00%	83.33%	80.00%
10	Material	Engineering	\$30,000	\$35,700	\$30,000
11	Total Investment	(L10 / L9)	\$37,500	\$42,840	\$37,500
12	Unit Investment Per AMP	(L11 / L8)	\$37.50	\$35.70	\$37.50
13	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28D-30D	0.0866	0.3660	0.5475
14	Statewide Unit Investment Per AMP	\$36.84	\$3.25	\$13.07	\$20.53
	<u>Batteries</u>				
15	Strings	Engineering	3	4	3
16	AMPS per String	Engineering	310	310	310
17	Tot. AMPS	(L15 * L16)	930	1,240	930
18	Total Investment	Engineering	\$40,500	\$52,900	\$40,500
19	Unit Investment Per AMP	(L18 / L17)	\$43.55	\$42.66	\$43.55
20	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28D-30D	0.0866	0.3660	0.5475
21	Statewide Unit Investment Per AMP	\$43.23	\$3.77	\$15.61	\$23.84
	<u>Automatic Breaker</u>				
22	AMP per Breaker	Engineering	1,200	800	400
23	Total Investment	Engineering	\$40,000	\$35,000	\$20,000
24	Unit Investment Per AMP	(L23 / L22)	\$33.33	\$43.75	\$50.00
25	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28D-30D	0.0866	0.3660	0.5475
26	Statewide Unit Investment Per AMP	\$46.27	\$2.89	\$16.01	\$27.38
	<u>Power Distribution Service Cabinet</u>				
27	Amps	Engineering	800	400	400
28	Material	Engineering	\$4,000	\$3,700	\$2,700
29	Unit Investment Per AMP	(L28 / L27)	\$5.00	\$9.25	\$6.75
30	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28D-30D	0.0866	0.3660	0.5475
31	Statewide Unit Investment Per AMP	\$7.51	\$0.43	\$3.39	\$3.70
	<u>Emergency engine/turbine (auto start)</u>				
32	AMP Capacity	Engineering	1,216	868	278

33	Utilization	Engineering	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	851	608	195
35	Emerg. Engine Invest.	Engineering	\$38,200	\$34,000	\$21,500
36	Conduit/Emer Lights	Engineering	\$30,000	\$25,000	\$20,000
37	Total Investment	(L35 + L36)	\$68,200	\$59,000	\$41,500
38	Unit Investment Per AMP	(L37 / L34)	\$80.12	\$97.10	\$213.26
39	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28D-30D	<u>0.0866</u>	<u>0.3660</u>	<u>0.5475</u>
40	Statewide Unit Investment Per AMP	\$159.24	\$6.94	\$35.54	\$116.76
<u>Power Plant Distribution Bay</u>					
41	AMP Capacity	Engineering	1,200	1,200	300
42	Material	Engineering	\$15,000	\$10,000	\$5,000
43	Unit Investment Per AMP	(L42 / L41)	\$12.50	\$8.33	\$16.67
44	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 27C-30C	<u>0.0866</u>	<u>0.3660</u>	<u>0.5475</u>
45	Statewide Unit Investment Per AMP	\$13.26	\$1.08	\$3.05	\$9.13
46	<u>Total Unit Investment - (Less than or</u>				
	Equal to 60 AMP's) - Sum Lines	\$312.72			
	(5C+14C+21C+26C+31C+40C+45C)				

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<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>SWITCH EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 3.1, PG 3, LINE 46	-	-	\$281.50	\$281.50
2 EF&I FACTOR - FRC 377C	WP 6.0, PG 1, LINE 24E	-	-	2.7852	2.7852
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$784.04	\$784.04
4 UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$784.04	\$784.04
6 LAND INVESTMENT FACTOR	WP 6.0, PG 1, LINE 22E	0.0022	-	-	0.0022
7 BUILDING INVESTMENT FACTOR	WP 6.0, PG 1, LINE 23E	-	0.0873	-	0.0873
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$1.72	-	-	\$1.72
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$68.45	-	\$68.45
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$1.72	\$68.45	\$784.04	\$854.21
11 WEIGHTED UNIT INVESTMENT	LINE 10 x WP 6.0, PG 1, LINE 26E	\$0.20	\$7.94	\$90.95	\$99.09

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<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>CKT EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL UNIT INVESTMENT	WP 3.0, PG 2 LINE 10	\$1.72	\$68.45	\$784.04	\$854.21
2 DEPRECIATION	LINE 1 X WP 6.0 - ACF FACTOR	\$0.00	\$1.76	\$53.08	\$54.84
3 COST OF CAPITAL	LINE 1 X WP 6.0 - ACF FACTOR	\$0.19	\$5.64	\$42.97	\$48.80
4 INCOME TAX	LINE 1 X WP 6.0 - ACF FACTOR	\$0.08	\$2.28	\$17.41	\$19.76
5 OTHER TAXES	LINE 1 X WP 6.0 - ACF FACTOR	\$0.03	\$1.13	\$0.08	\$1.24
6 MAINTENANCE	LINE 1 X WP 6.0 - ACF FACTOR	\$0.11	\$4.26	\$31.05	\$35.42
7 ADMINISTRATION	LINE 1 X WP 6.0 - ACF FACTOR	<u>\$0.06</u>	<u>\$2.36</u>	<u>\$27.36</u>	<u>\$29.78</u>
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$0.47	\$17.43	\$171.94	\$189.84
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 6.0, PG 1, LINE 26E	\$0.05	\$2.02	\$19.95	\$22.02

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<u>Microprocessor Plant (BUSS BAR)</u>					
1	AMP	Engineering	2,600	2,600	1,200
2	Material	Engineering	\$17,000	\$12,000	\$9,000
3	Unit Investment Per AMP	(L2 / L1)	\$6.54	\$4.62	\$7.50
4	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28E-30E	0.2378	0.4066	0.3557
5	Statewide Unit Investment Per AMP	\$6.10	\$1.55	\$1.88	\$2.67
<u>Rectifiers</u>					
6	Quantity	Engineering	5	6	5
7	AMPS per unit	Engineering	200	200	200
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<u>Batteries</u>					
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20	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28E-30E	0.2378	0.4066	0.3557
21	Statewide Unit Investment Per AMP	\$43.19	\$10.36	\$17.34	\$15.49
<u>Automatic Breaker</u>					
22	AMP per Breaker	Engineering	1,200	800	400
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24	Unit Investment Per AMP	(L23 / L22)	\$33.33	\$43.75	\$50.00
25	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28E-30E	0.2378	0.4066	0.3557
26	Statewide Unit Investment Per AMP	\$43.50	\$7.93	\$17.79	\$17.78
<u>Power Distribution Service Cabinet</u>					
27	Amps	Engineering	800	400	400
28	Material	Engineering	\$4,000	\$3,700	\$2,700
29	Unit Investment Per AMP	(L28 / L27)	\$5.00	\$9.25	\$6.75
30	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28E-30E	0.2378	0.4066	0.3557
31	Statewide Unit Investment Per AMP	\$7.35	\$1.19	\$3.76	\$2.40

Emergency engine/turbine (auto start)

32	AMP Capacity	Engineering	1,216	868	278
33	Utilization	Engineering	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	851	608	195
35	Emerg. Engine Invest.	Engineering	\$38,200	\$34,000	\$21,500
36	Conduit/Emer Lights	Engineering	\$30,000	\$25,000	\$20,000
37	Total Investment	(L35 + L36)	\$68,200	\$59,000	\$41,500
38	Unit Investment Per AMP	(L37 / L34)	\$80.12	\$97.10	\$213.26
39	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28E-30E	<u>0.2378</u>	<u>0.4066</u>	<u>0.3557</u>
40	Statewide Unit Investment Per AMP		\$134.38	\$19.05	\$39.48
<u>Battery Distribution Fuse Bay</u>					
41	AMP Capacity	Engineering	800	800	800
42	Material	Engineering	\$8,181	\$8,181	\$8,181
43	Unit Investment Per AMP	(L42 / L41)	\$10.23	\$10.23	\$10.23
44	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28E-30E	<u>0.2378</u>	<u>0.4066</u>	<u>0.3557</u>
45	Statewide Unit Investment Per AMP		\$10.23	\$2.43	\$4.16
<u>Total Unit Investment - (Less than or</u>					
46	Equal to 60 AMP's) - Sum Lines		\$281.50		
(5C+14C+21C+26C+31C+40C+45C)					

**PHYSICAL COLLOCATION
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DC POWER - GREATER THAN 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>SWITCH EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 3.0, PG 3, LINE 46	-	-	\$283.56	\$283.56
2 EF&I FACTOR - FRC 377C	WP 6.0, PG 1, LINE 24E	-	-	2.7852	2.7852
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$789.79	\$789.79
4 UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$789.79	\$789.79
6 LAND INVESTMENT FACTOR	WP 6.0, PG 1, LINE 22E	0.0022	-	-	0.0022
7 BUILDING INVESTMENT FACTOR	WP 6.0, PG 1, LINE 23E	-	0.0873	-	0.0873
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$1.74	-	-	\$1.74
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$68.95	-	\$68.95
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$1.74	\$68.95	\$789.79	\$860.47
11 WEIGHTED UNIT INVESTMENT	LINE 10 x WP 6.0, PG 1, LINE 26E	\$0.20	\$8.00	\$91.62	\$99.81

PHYSICAL COLLOCATION
Bell Atlantic - New Hampshire
FCC - 11

DC POWER - GREATER THAN 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>CKT EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL UNIT INVESTMENT	WP 3.0, PG 2 LINE 10	\$1.74	\$68.95	\$789.79	\$860.47
2 DEPRECIATION	LINE 1 X WP 6.0 - ACF FACTOR	\$0.00	\$1.77	\$53.47	\$55.24
3 COST OF CAPITAL	LINE 1 X WP 6.0 - ACF FACTOR	\$0.20	\$5.68	\$43.28	\$49.16
4 INCOME TAX	LINE 1 X WP 6.0 - ACF FACTOR	\$0.08	\$2.30	\$17.53	\$19.91
5 OTHER TAXES	LINE 1 X WP 6.0 - ACF FACTOR	\$0.03	\$1.14	\$0.08	\$1.25
6 MAINTENANCE	LINE 1 X WP 6.0 - ACF FACTOR	\$0.11	\$4.30	\$31.28	\$35.68
7 ADMINISTRATION	LINE 1 X WP 6.0 - ACF FACTOR	<u>\$0.06</u>	<u>\$2.38</u>	<u>\$27.56</u>	<u>\$30.00</u>
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$0.47	\$17.56	\$173.20	\$191.23
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 6.0, PG 1, LINE 26E	\$0.05	\$2.04	\$20.09	\$22.18

PHYSICAL COLLOCATION
Bell Atlantic - New Hampshire
FCC NO. 11

DC POWER - GREATER THAN 60 AMPS

<u>LINE NO.</u>	<u>A</u> <u>ITEM</u>	<u>B</u> <u>SOURCE</u>	<u>C</u> <u>URBAN</u>	<u>D</u> <u>SUBURBAN</u>	<u>E</u> <u>RURAL</u>
	<u>Microprocessor Plant (BUSS BAR)</u>				
1	AMP	Engineering	2,600	2,600	1,200
2	Material	Engineering	\$17,000	\$12,000	\$9,000
3	Unit Investment Per AMP	(L2 / L1)	\$6.54	\$4.62	\$7.50
4	Statewide Weighting	WP 6.0, Pg 1, Lns 28E-30E	0.2378	0.4066	0.3557
5	Statewide Unit Investment Per AMP	\$6.10	\$1.55	\$1.88	\$2.67
	<u>Rectifiers</u>				
6	Quantity	Engineering	5	6	5
7	AMPS per unit	Engineering	200	200	200
8	Tot. AMPS	(L6 * L7)	1,000	1,200	1,000
9	Utilization	(L6-1) / L6)	80.00%	83.33%	80.00%
10	Material	Engineering	\$30,000	\$35,700	\$30,000
11	Total Investment	(L10 / L9)	\$37,500	\$42,840	\$37,500
12	Unit Investment Per AMP	(L11 / L8)	\$37.50	\$35.70	\$37.50
13	Statewide Weighting	WP 6.0, Pg 1, Lns 28E-30E	0.2378	0.4066	0.3557
14	Statewide Unit Investment Per AMP	\$36.77	\$8.92	\$14.51	\$13.34
	<u>Batteries</u>				
15	Strings	Engineering	3	4	3
16	AMPS per String	Engineering	310	310	310
17	Tot. AMPS	(L15 * L16)	930	1,240	930
18	Total Investment	Engineering	\$40,500	\$52,900	\$40,500
19	Unit Investment Per AMP	(L18 / L17)	\$43.55	\$42.66	\$43.55
20	Statewide Weighting	WP 6.0, Pg 1, Lns 28E-30E	0.2378	0.4066	0.3557
21	Statewide Unit Investment Per AMP	\$43.19	\$10.36	\$17.34	\$15.49
	<u>Automatic Breaker</u>				
22	AMP per Breaker	Engineering	1,200	800	400
23	Total Investment	Engineering	\$40,000	\$35,000	\$20,000
24	Unit Investment Per AMP	(L23 / L22)	\$33.33	\$43.75	\$50.00
25	Statewide Weighting	WP 6.0, Pg 1, Lns 28E-30E	0.2378	0.4066	0.3557
26	Statewide Unit Investment Per AMP	\$43.50	\$7.93	\$17.79	\$17.78
	<u>Power Distribution Service Cabinet</u>				
27	Amps	Engineering	800	400	400
28	Material	Engineering	\$4,000	\$3,700	\$2,700
29	Unit Investment Per AMP	(L28 / L27)	\$5.00	\$9.25	\$6.75
30	Statewide Weighting	WP 6.0, Pg 1, Lns 28E-30E	0.2378	0.4066	0.3557
31	Statewide Unit Investment Per AMP	\$7.35	\$1.19	\$3.76	\$2.40

Emergency engine/turbine (auto start)

32	AMP Capacity	Engineering	1,216	868	278
33	Utilization	Engineering	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	851	608	195
35	Emerg. Engine Invest.	Engineering	\$38,200	\$34,000	\$21,500
36	Conduit/Emer Lights	Engineering	\$30,000	\$25,000	\$20,000
37	Total Investment	(L35 + L36)	\$68,200	\$59,000	\$41,500
38	Unit Investment Per AMP	(L37 / L34)	\$80.12	\$97.10	\$213.26
39	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28E-30E	<u>0.2378</u>	<u>0.4066</u>	<u>0.3557</u>
40	Statewide Unit Investment Per AMP		\$134.38	\$19.05	\$39.48
	<u>Power Plant Distribution Bay</u>				
41	AMP Capacity	Engineering	1,200	1,200	300
42	Material	Engineering	\$15,000	\$10,000	\$5,000
43	Unit Investment Per AMP	(L42 / L41)	\$12.50	\$8.33	\$16.67
44	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 27C-30C	<u>0.2378</u>	<u>0.4066</u>	<u>0.3557</u>
45	Statewide Unit Investment Per AMP		\$12.29	\$2.97	\$3.39
46	<u>Total Unit Investment - (Less than or</u>				
	Equal to 60 AMP's) - Sum Lines		\$283.56		
	(5C+14C+21C+26C+31C+40C+45C)				

PHYSICAL COLLOCATION
Bell Atlantic - Rhode Island
FCC - 11

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>SWITCH EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 4.0, PG 3, LINE 46	-	-	\$244.48	\$244.48
2 EF&I FACTOR - FRC 377C	WP 6.0, PG 1, LINE 24F	-	-	2.7852	2.7852
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$680.92	\$680.92
4 UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$680.92	\$680.92
6 LAND INVESTMENT FACTOR	WP 6.0, PG 1, LINE 22F	0.0038	-	-	0.0038
7 BUILDING INVESTMENT FACTOR	WP 6.0, PG 1, LINE 23F	-	0.2013	-	0.2013
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$2.59	-	-	\$2.59
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$137.07	-	\$137.07
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$2.59	\$137.07	\$680.92	\$820.58
11 WEIGHTED UNIT INVESTMENT	LINE 10 x WP 6.0, PG 1, LINE 26F	\$0.25	\$13.43	\$66.73	\$80.42

**PHYSICAL COLLOCATION
Bell Atlantic - Rhode Island
FCC - 11**

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>CKT EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL UNIT INVESTMENT	WP 4.0, PG 2 LINE 10	\$2.59	\$137.07	\$680.92	\$820.58
2 DEPRECIATION	LINE 1 X WP 6.0 - ACF FACTOR	\$0.00	\$3.26	\$46.23	\$49.50
3 COST OF CAPITAL	LINE 1 X WP 6.0 - ACF FACTOR	\$0.29	\$11.40	\$37.45	\$49.15
4 INCOME TAX	LINE 1 X WP 6.0 - ACF FACTOR	\$0.12	\$4.61	\$15.12	\$19.84
5 OTHER TAXES	LINE 1 X WP 6.0 - ACF FACTOR	\$0.03	\$1.47	\$7.42	\$8.92
6 MAINTENANCE	LINE 1 X WP 6.0 - ACF FACTOR	\$0.06	\$3.44	\$27.10	\$30.61
7 ADMINISTRATION	LINE 1 X WP 6.0 - ACF FACTOR	<u>\$0.09</u>	<u>\$4.93</u>	<u>\$24.92</u>	<u>\$29.95</u>
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$0.60	\$29.11	\$158.25	\$187.95
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 6.0, PG 1, LINE 26F	\$0.06	\$2.85	\$15.51	\$18.42

PHYSICAL COLLOCATION
Bell Atlantic - Rhode Island
FCC NO. 11

DC POWER COST DEVELOPMENT

<u>LINE NO.</u>	<u>A</u> <u>ITEM</u>	<u>B</u> <u>SOURCE</u>	<u>C</u> <u>URBAN</u>	<u>D</u> <u>SUBURBAN</u>	<u>E</u> <u>RURAL</u>
	<u>Microprocessor Plant (BUSS BAR)</u>				
1	AMP	Engineering	2,600	2,600	1,200
2	Material	Engineering	\$17,000	\$12,000	\$9,000
3	Unit Investment Per AMP	(L2 / L1)	\$6.54	\$4.62	\$7.50
4	Statewide Weighting	WP 6.0, Pg 1, Lns 28F-30F	0.4465	0.4480	0.1055
5	Statewide Unit Investment Per AMP	\$5.78	\$2.92	\$2.07	\$0.79
	<u>Rectifiers</u>				
6	Quantity	Engineering	5	6	5
7	AMPS per unit	Engineering	200	200	200
8	Tot. AMPS	(L6 * L7)	1,000	1,200	1,000
9	Utilization	(L6-1) / L6)	80.00%	83.33%	80.00%
10	Material	Engineering	\$30,000	\$35,700	\$30,000
11	Total Investment	(L10 / L9)	\$37,500	\$42,840	\$37,500
12	Unit Investment Per AMP	(L11 / L8)	\$37.50	\$35.70	\$37.50
13	Statewide Weighting	WP 6.0, Pg 1, Lns 28F-30F	0.4465	0.4480	0.1055
14	Statewide Unit Investment Per AMP	\$36.69	\$16.74	\$15.99	\$3.96
	<u>Batteries</u>				
15	Strings	Engineering	3	4	3
16	AMPS per String	Engineering	310	310	310
17	Tot. AMPS	(L15 * L16)	930	1,240	930
18	Total Investment	Engineering	\$40,500	\$52,900	\$40,500
19	Unit Investment Per AMP	(L18 / L17)	\$43.55	\$42.66	\$43.55
20	Statewide Weighting	WP 6.0, Pg 1, Lns 28F-30F	0.4465	0.4480	0.1055
21	Statewide Unit Investment Per AMP	\$43.15	\$19.44	\$19.11	\$4.60
	<u>Automatic Breaker</u>				
22	AMP per Breaker	Engineering	1,200	800	400
23	Total Investment	Engineering	\$40,000	\$35,000	\$20,000
24	Unit Investment Per AMP	(L23 / L22)	\$33.33	\$43.75	\$50.00
25	Statewide Weighting	WP 6.0, Pg 1, Lns 28F-30F	0.4465	0.4480	0.1055
26	Statewide Unit Investment Per AMP	\$39.76	\$14.88	\$19.60	\$5.28
	<u>Power Distribution Service Cabinet</u>				
27	Amps	Engineering	800	400	400
28	Material	Engineering	\$4,000	\$3,700	\$2,700
29	Unit Investment Per AMP	(L28 / L27)	\$5.00	\$9.25	\$6.75
30	Statewide Weighting	WP 6.0, Pg 1, Lns 28F-30F	0.4465	0.4480	0.1055
31	Statewide Unit Investment Per AMP	\$7.09	\$2.23	\$4.14	\$0.71
	<u>Emergency engine/turbine (auto start)</u>				
32	AMP Capacity	Engineering	1,216	868	278

33	Utilization	Engineering	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	851	608	195
35	Emerg. Engine Invest.	Engineering	\$38,200	\$34,000	\$21,500
36	Conduit/Emer Lights	Engineering	\$30,000	\$25,000	\$20,000
37	Total Investment	(L35 + L36)	\$68,200	\$59,000	\$41,500
38	Unit Investment Per AMP	(L37 / L34)	\$80.12	\$97.10	\$213.26
39	Statewide Weighting	WP 6.0, Pg 1, Lns 28F-30F	0.4465	0.4480	0.1055
40	Statewide Unit Investment Per AMP		\$101.78	\$35.77	\$43.50
<u>Battery Distribution Fuse Bay</u>					
41	AMP Capacity	Engineering	800	800	800
42	Material	Engineering	\$8,181	\$8,181	\$8,181
43	Unit Investment Per AMP	(L42 / L41)	\$10.23	\$10.23	\$10.23
44	Statewide Weighting	WP 6.0, Pg 1, Lns 28F-30F	0.4465	0.4480	0.1055
45	Statewide Unit Investment Per AMP		\$10.23	\$4.57	\$4.58
<u>Total Unit Investment - (Less than or</u>					
46	Equal to 60 AMP's) - Sum Lines		\$244.48		
(5C+14C+21C+26C+31C+40C+45C)					

**PHYSICAL COLLOCATION
Bell Atlantic - Rhode Island
FCC - 11**

DC POWER - GREATER THAN 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>SWITCH EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 4.0, PG 3, LINE 46	-	-	\$245.32	\$245.32
2 EF&I FACTOR - FRC 377C	WP 6.0, PG 1, LINE 24F	-	-	2.7852	2.7852
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$683.28	\$683.28
4 UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$683.28	\$683.28
6 LAND INVESTMENT FACTOR	WP 6.0, PG 1, LINE 22F	0.0038	-	-	0.0038
7 BUILDING INVESTMENT FACTOR	WP 6.0, PG 1, LINE 23F	-	0.2013	-	0.2013
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$2.60	-	-	\$2.60
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$137.54	-	\$137.54
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$2.60	\$137.54	\$683.28	\$823.42
11 WEIGHTED UNIT INVESTMENT	LINE 10 x WP 6.0, PG 1, LINE 26F	\$0.25	\$13.48	\$66.96	\$80.70

PHYSICAL COLLOCATION
Bell Atlantic - Rhode Island
FCC - 11

DC POWER - GREATER THAN 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>CKT EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL UNIT INVESTMENT	WP 4.0, PG 2 LINE 10	\$2.60	\$137.54	\$683.28	\$823.42
2 DEPRECIATION	LINE 1 X WP 6.0 - ACF FACTOR	\$0.00	\$3.27	\$46.39	\$49.67
3 COST OF CAPITAL	LINE 1 X WP 6.0 - ACF FACTOR	\$0.29	\$11.44	\$37.58	\$49.32
4 INCOME TAX	LINE 1 X WP 6.0 - ACF FACTOR	\$0.12	\$4.62	\$15.17	\$19.91
5 OTHER TAXES	LINE 1 X WP 6.0 - ACF FACTOR	\$0.03	\$1.47	\$7.45	\$8.95
6 MAINTENANCE	LINE 1 X WP 6.0 - ACF FACTOR	\$0.07	\$3.45	\$27.19	\$30.71
7 ADMINISTRATION	LINE 1 X WP 6.0 - ACF FACTOR	<u>\$0.09</u>	<u>\$4.95</u>	<u>\$25.01</u>	<u>\$30.05</u>
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$0.60	\$29.21	\$158.79	\$188.61
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 6.0, PG 1, LINE 26F	\$0.06	\$2.86	\$15.56	\$18.48

PHYSICAL COLLOCATION
Bell Atlantic - Rhode Island
FCC NO. 11

DC POWER - GREATER THAN 60 AMPS

<u>LINE NO.</u>	<u>A</u> <u>ITEM</u>	<u>B</u> <u>SOURCE</u>	<u>C</u> <u>URBAN</u>	<u>D</u> <u>SUBURBAN</u>	<u>E</u> <u>RURAL</u>
	<u>Microprocessor Plant (BUSS BAR)</u>				
1	AMP	Engineering	2,600	2,600	1,200
2	Material	Engineering	\$17,000	\$12,000	\$9,000
3	Unit Investment Per AMP	(L2 / L1)	\$6.54	\$4.62	\$7.50
4	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28F-30F	0.4465	0.4480	0.1055
5	Statewide Unit Investment Per AMP	\$5.78	\$2.92	\$2.07	\$0.79
	<u>Rectifiers</u>				
6	Quantity	Engineering	5	6	5
7	AMPS per unit	Engineering	200	200	200
8	Tot. AMPS	(L6 * L7)	1,000	1,200	1,000
9	Utilization	(L6-1) / L6)	80.00%	83.33%	80.00%
10	Material	Engineering	\$30,000	\$35,700	\$30,000
11	Total Investment	(L10 / L9)	\$37,500	\$42,840	\$37,500
12	Unit Investment Per AMP	(L11 / L8)	\$37.50	\$35.70	\$37.50
13	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28F-30F	0.4465	0.4480	0.1055
14	Statewide Unit Investment Per AMP	\$36.69	\$16.74	\$15.99	\$3.96
	<u>Batteries</u>				
15	Strings	Engineering	3	4	3
16	AMPS per String	Engineering	310	310	310
17	Tot. AMPS	(L15 * L16)	930	1,240	930
18	Total Investment	Engineering	\$40,500	\$52,900	\$40,500
19	Unit Investment Per AMP	(L18 / L17)	\$43.55	\$42.66	\$43.55
20	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28F-30F	0.4465	0.4480	0.1055
21	Statewide Unit Investment Per AMP	\$43.15	\$19.44	\$19.11	\$4.60
	<u>Automatic Breaker</u>				
22	AMP per Breaker	Engineering	1,200	800	400
23	Total Investment	Engineering	\$40,000	\$35,000	\$20,000
24	Unit Investment Per AMP	(L23 / L22)	\$33.33	\$43.75	\$50.00
25	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28F-30F	0.4465	0.4480	0.1055
26	Statewide Unit Investment Per AMP	\$39.76	\$14.88	\$19.60	\$5.28
	<u>Power Distribution Service Cabinet</u>				
27	Amps	Engineering	800	400	400
28	Material	Engineering	\$4,000	\$3,700	\$2,700
29	Unit Investment Per AMP	(L28 / L27)	\$5.00	\$9.25	\$6.75
30	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28F-30F	0.4465	0.4480	0.1055
31	Statewide Unit Investment Per AMP	\$7.09	\$2.23	\$4.14	\$0.71
	<u>Emergency engine/turbine (auto start)</u>				
32	AMP Capacity	Engineering	1,216	868	278

33	Utilization	Engineering	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	851	608	195
35	Emerg. Engine Invest.	Engineering	\$38,200	\$34,000	\$21,500
36	Conduit/Emer Lights	Engineering	\$30,000	\$25,000	\$20,000
37	Total Investment	(L35 + L36)	\$68,200	\$59,000	\$41,500
38	Unit Investment Per AMP	(L37 / L34)	\$80.12	\$97.10	\$213.26
39	Statewide Weighting	WP 6.0, Pg 1, Lns 28F-30F	0.4465	0.4480	0.1055
40	Statewide Unit Investment Per AMP		\$101.78	\$35.77	\$43.50
Power Plant Distribution Bay					
41	AMP Capacity	Engineering	1,200	1,200	300
42	Material	Engineering	\$15,000	\$10,000	\$5,000
43	Unit Investment Per AMP	(L42 / L41)	\$12.50	\$8.33	\$16.67
44	Statewide Weighting	WP 6.0, Pg 1, Lns 27C-30C	0.4465	0.4480	0.1055
45	Statewide Unit Investment Per AMP		\$11.07	\$5.58	\$3.73
46	Total Unit Investment - (Less than or Equal to 60 AMP's) - Sum Lines (5C+14C+21C+26C+31C+40C+45C)		\$245.32		

PHYSICAL COLLOCATION
Bell Atlantic - Vermont
FCC - 11

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>SWITCH EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 5.0, PG 3, LINE 46	-	-	\$296.97	\$296.97
2 EF&I FACTOR - FRC 377C	WP 6.0, PG 1, LINE 24G	-	-	2.7852	2.7852
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$827.11	\$827.11
4 UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$827.11	\$827.11
6 LAND INVESTMENT FACTOR	WP 6.0, PG 1, LINE 22G	0.0046	-	-	0.0046
7 BUILDING INVESTMENT FACTOR	WP 6.0, PG 1, LINE 23G	-	0.1562	-	0.1562
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$3.80	-	-	\$3.80
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$129.19	-	\$129.19
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$3.80	\$129.19	\$827.11	\$960.11
11 WEIGHTED UNIT INVESTMENT	LINE 10 x WP 6.0, PG 1, LINE 26G	\$0.19	\$6.33	\$40.53	\$47.05

PHYSICAL COLLOCATION
Bell Atlantic - Vermont
FCC - 11

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>CKT EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL UNIT INVESTMENT	WP 5.0, PG 2 LINE 10	\$3.80	\$129.19	\$827.11	\$960.11
2 DEPRECIATION	LINE 1 X WP 6.0 - ACF FACTOR	\$0.00	\$3.51	\$54.42	\$57.94
3 COST OF CAPITAL	LINE 1 X WP 6.0 - ACF FACTOR	\$0.43	\$10.57	\$45.66	\$56.65
4 INCOME TAX	LINE 1 X WP 6.0 - ACF FACTOR	\$0.17	\$4.28	\$18.44	\$22.89
5 OTHER TAXES	LINE 1 X WP 6.0 - ACF FACTOR	\$0.04	\$1.37	\$9.02	\$10.43
6 MAINTENANCE	LINE 1 X WP 6.0 - ACF FACTOR	\$0.27	\$9.12	\$37.96	\$47.35
7 ADMINISTRATION	LINE 1 X WP 6.0 - ACF FACTOR	<u>\$0.14</u>	<u>\$4.79</u>	<u>\$31.18</u>	<u>\$36.12</u>
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.05	\$33.64	\$196.69	\$231.38
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 6.0, PG 1, LINE 26G	\$0.05	\$1.65	\$9.64	\$11.34

PHYSICAL COLLOCATION
Bell Atlantic - Vermont
FCC NO. 11

DC POWER COST DEVELOPMENT

<u>LINE NO.</u>	<u>A</u> <u>ITEM</u>	<u>B</u> <u>SOURCE</u>	<u>C</u> <u>URBAN</u>	<u>D</u> <u>SUBURBAN</u>	<u>E</u> <u>RURAL</u>
	<u>Microprocessor Plant (BUSS BAR)</u>				
1	AMP	Engineering	2,600	2,600	1,200
2	Material	Engineering	\$17,000	\$12,000	\$9,000
3	Unit Investment Per AMP	(L2 / L1)	\$6.54	\$4.62	\$7.50
4	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28G-30G	0.1673	0.3687	0.4639
5	Statewide Unit Investment Per AMP	\$6.27	\$1.09	\$1.70	\$3.48
	<u>Rectifiers</u>				
6	Quantity	Engineering	5	6	5
7	AMPS per unit	Engineering	200	200	200
8	Tot. AMPS	(L6 * L7)	1,000	1,200	1,000
9	Utilization	(L6-1) / L6)	80.00%	83.33%	80.00%
10	Material	Engineering	\$30,000	\$35,700	\$30,000
11	Total Investment	(L10 / L9)	\$37,500	\$42,840	\$37,500
12	Unit Investment Per AMP	(L11 / L8)	\$37.50	\$35.70	\$37.50
13	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28G-30G	0.1673	0.3687	0.4639
14	Statewide Unit Investment Per AMP	\$36.83	\$6.27	\$13.16	\$17.40
	<u>Batteries</u>				
15	Strings	Engineering	3	4	3
16	AMPS per String	Engineering	310	310	310
17	Tot. AMPS	(L15 * L16)	930	1,240	930
18	Total Investment	Engineering	\$40,500	\$52,900	\$40,500
19	Unit Investment Per AMP	(L18 / L17)	\$43.55	\$42.66	\$43.55
20	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28G-30G	0.1673	0.3687	0.4639
21	Statewide Unit Investment Per AMP	\$43.22	\$7.29	\$15.73	\$20.20
	<u>Automatic Breaker</u>				
22	AMP per Breaker	Engineering	1,200	800	400
23	Total Investment	Engineering	\$40,000	\$35,000	\$20,000
24	Unit Investment Per AMP	(L23 / L22)	\$33.33	\$43.75	\$50.00
25	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28G-30G	0.1673	0.3687	0.4639
26	Statewide Unit Investment Per AMP	\$44.90	\$5.58	\$16.13	\$23.20
	<u>Power Distribution Service Cabinet</u>				
27	Amps	Engineering	800	400	400
28	Material	Engineering	\$4,000	\$3,700	\$2,700
29	Unit Investment Per AMP	(L28 / L27)	\$5.00	\$9.25	\$6.75
30	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28G-30G	0.1673	0.3687	0.4639
31	Statewide Unit Investment Per AMP	\$7.38	\$0.84	\$3.41	\$3.13
	<u>Emergency engine/turbine (auto start)</u>				
32	AMP Capacity	Engineering	1,216	868	278

33	Utilization	Engineering	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	851	608	195
35	Emerg. Engine Invest.	Engineering	\$38,200	\$34,000	\$21,500
36	Conduit/Emer Lights	Engineering	\$30,000	\$25,000	\$20,000
37	Total Investment	(L35 + L36)	\$68,200	\$59,000	\$41,500
38	Unit Investment Per AMP	(L37 / L34)	\$80.12	\$97.10	\$213.26
39	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28G-30G	<u>0.1673</u>	<u>0.3687</u>	<u>0.4639</u>
40	Statewide Unit Investment Per AMP		\$148.14	\$13.40	\$35.80
<u>Battery Distribution Fuse Bay</u>					
41	AMP Capacity	Engineering	800	800	800
42	Material	Engineering	\$8,181	\$8,181	\$8,181
43	Unit Investment Per AMP	(L42 / L41)	\$10.23	\$10.23	\$10.23
44	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28G-30G	<u>0.1673</u>	<u>0.3687</u>	<u>0.4639</u>
45	Statewide Unit Investment Per AMP		\$10.23	\$1.71	\$3.77
<u>Total Unit Investment - (Less than or</u>					
46	Equal to 60 AMP's) - Sum Lines		\$296.97		
	(5C+14C+21C+26C+31C+40C+45C)				

**PHYSICAL COLLOCATION
Bell Atlantic - Vermont
FCC - 11**

DC POWER - GREATER THAN 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>SWITCH EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 5.1, PG 3, LINE 46	-	-	\$299.64	\$299.64
2 EF&I FACTOR - FRC 377C	WP 6.0, PG 1, LINE 24G	-	-	2.7852	2.7852
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$834.55	\$834.55
4 UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$834.55	\$834.55
6 LAND INVESTMENT FACTOR	WP 6.0, PG 1, LINE 22G	0.0046	-	-	0.0046
7 BUILDING INVESTMENT FACTOR	WP 6.0, PG 1, LINE 23G	-	0.1562	-	0.1562
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$3.84	-	-	\$3.84
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$130.36	-	\$130.36
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$3.84	\$130.36	\$834.55	\$968.75
11 WEIGHTED UNIT INVESTMENT	LINE 10 x WP 6.0, PG 1, LINE 26G	\$0.19	\$6.39	\$40.89	\$47.47

**PHYSICAL COLLOCATION
Bell Atlantic - Vermont
FCC - 11**

DC POWER - GREATER THAN 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>CKT EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL UNIT INVESTMENT	WP 5.1, PG 2 LINE 10	\$3.84	\$130.36	\$834.55	\$968.75
2 DEPRECIATION	LINE 1 X WP 6.0 - ACF FACTOR	\$0.00	\$3.55	\$54.91	\$58.46
3 COST OF CAPITAL	LINE 1 X WP 6.0 - ACF FACTOR	\$0.43	\$10.66	\$46.07	\$57.16
4 INCOME TAX	LINE 1 X WP 6.0 - ACF FACTOR	\$0.18	\$4.31	\$18.61	\$23.10
5 OTHER TAXES	LINE 1 X WP 6.0 - ACF FACTOR	\$0.04	\$1.38	\$9.10	\$10.52
6 MAINTENANCE	LINE 1 X WP 6.0 - ACF FACTOR	\$0.27	\$9.20	\$38.31	\$47.78
7 ADMINISTRATION	LINE 1 X WP 6.0 - ACF FACTOR	<u>\$0.14</u>	<u>\$4.84</u>	<u>\$31.46</u>	<u>\$36.44</u>
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.06	\$33.94	\$198.46	\$233.46
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 6.0, PG 1, LINE 26G	\$0.05	\$1.66	\$9.72	\$11.44

VT
WORKPAPER 5.1
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PHYSICAL COLLOCATION
Bell Atlantic - Vermont
FCC NO. 11

DC POWER - GREATER THAN 60 AMPS

<u>LINE NO.</u>	<u>A</u> <u>ITEM</u>	<u>B</u> <u>SOURCE</u>	<u>C</u> <u>URBAN</u>	<u>D</u> <u>SUBURBAN</u>	<u>E</u> <u>RURAL</u>
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4	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28G-30G	0.1673	0.3687	0.4639
5	Statewide Unit Investment Per AMP	\$6.27	\$1.09	\$1.70	\$3.48
	<u>Rectifiers</u>				
6	Quantity	Engineering	5	6	5
7	AMPS per unit	Engineering	200	200	200
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	<u>Emergency engine/turbine (auto start)</u>				
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39	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 28G-30G	<u>0.1673</u>	<u>0.3687</u>	<u>0.4639</u>
40	Statewide Unit Investment Per AMP		\$148.14	\$13.40	\$35.80
	<u>Power Plant Distribution Bay</u>				
41	AMP Capacity	Engineering	1,200	1,200	300
42	Material	Engineering	\$15,000	\$10,000	\$5,000
43	Unit Investment Per AMP	(L42 / L41)	\$12.50	\$8.33	\$16.67
44	<u>Statewide Weighting</u>	WP 6.0, Pg 1, Lns 27C-30C	<u>0.1673</u>	<u>0.3687</u>	<u>0.4639</u>
45	Statewide Unit Investment Per AMP		\$12.90	\$2.09	\$3.07
46	<u>Total Unit Investment - (Less than or</u>				
	Equal to 60 AMP's) - Sum Lines		\$299.64		
	(5C+14C+21C+26C+31C+40C+45C)				